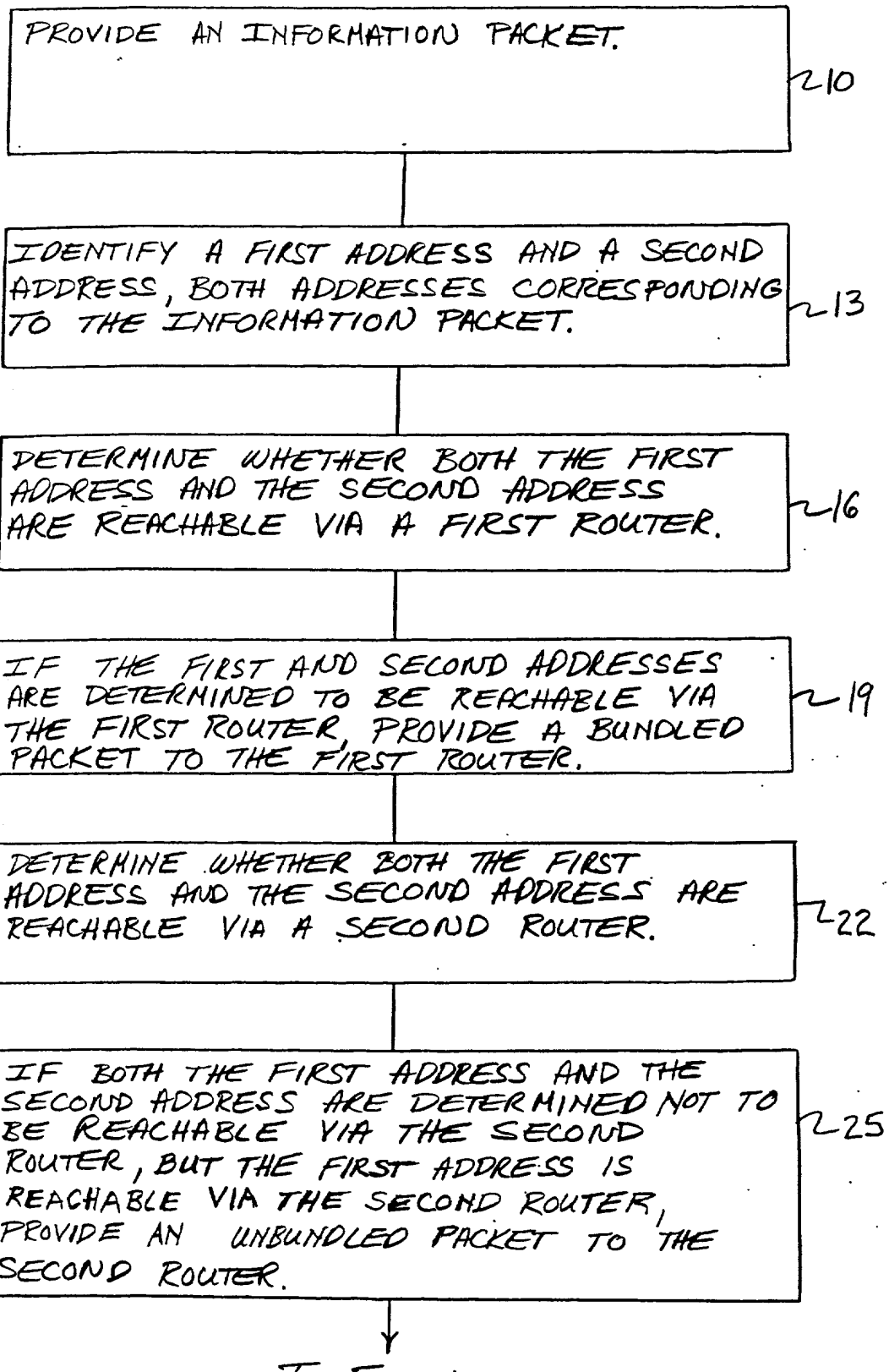
FIG. 1A



To FIG. 1B

FIG. 1B

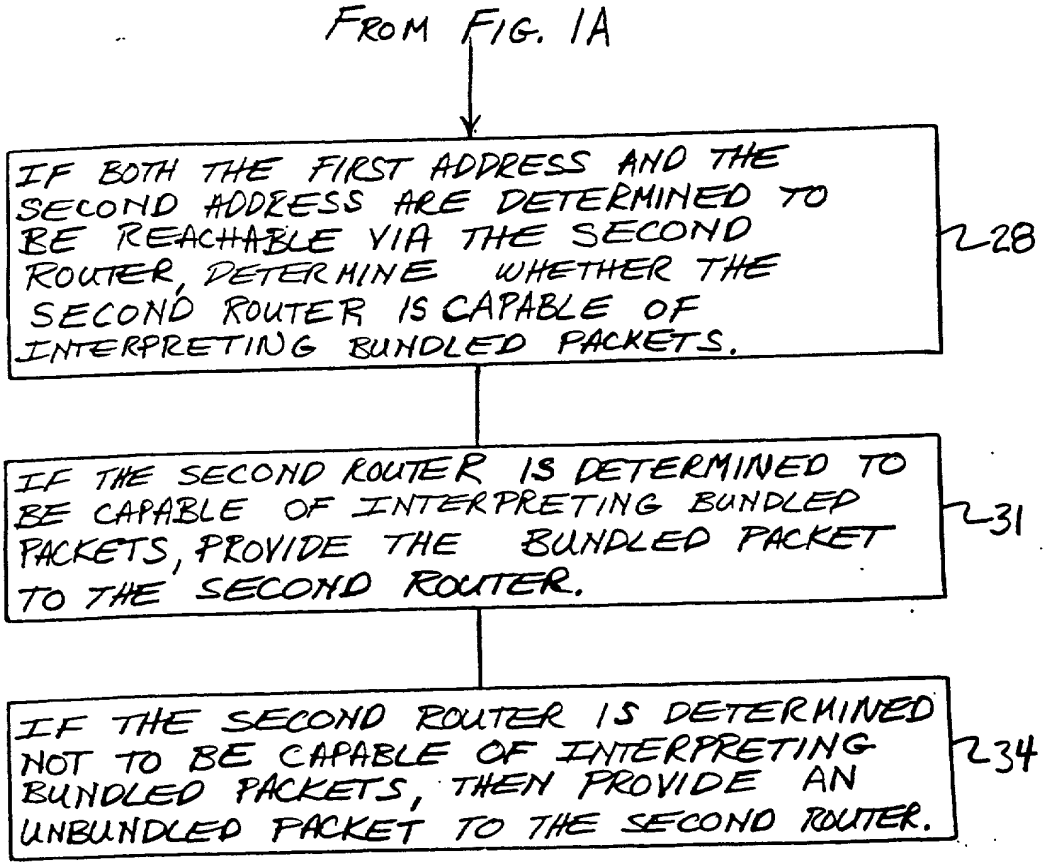
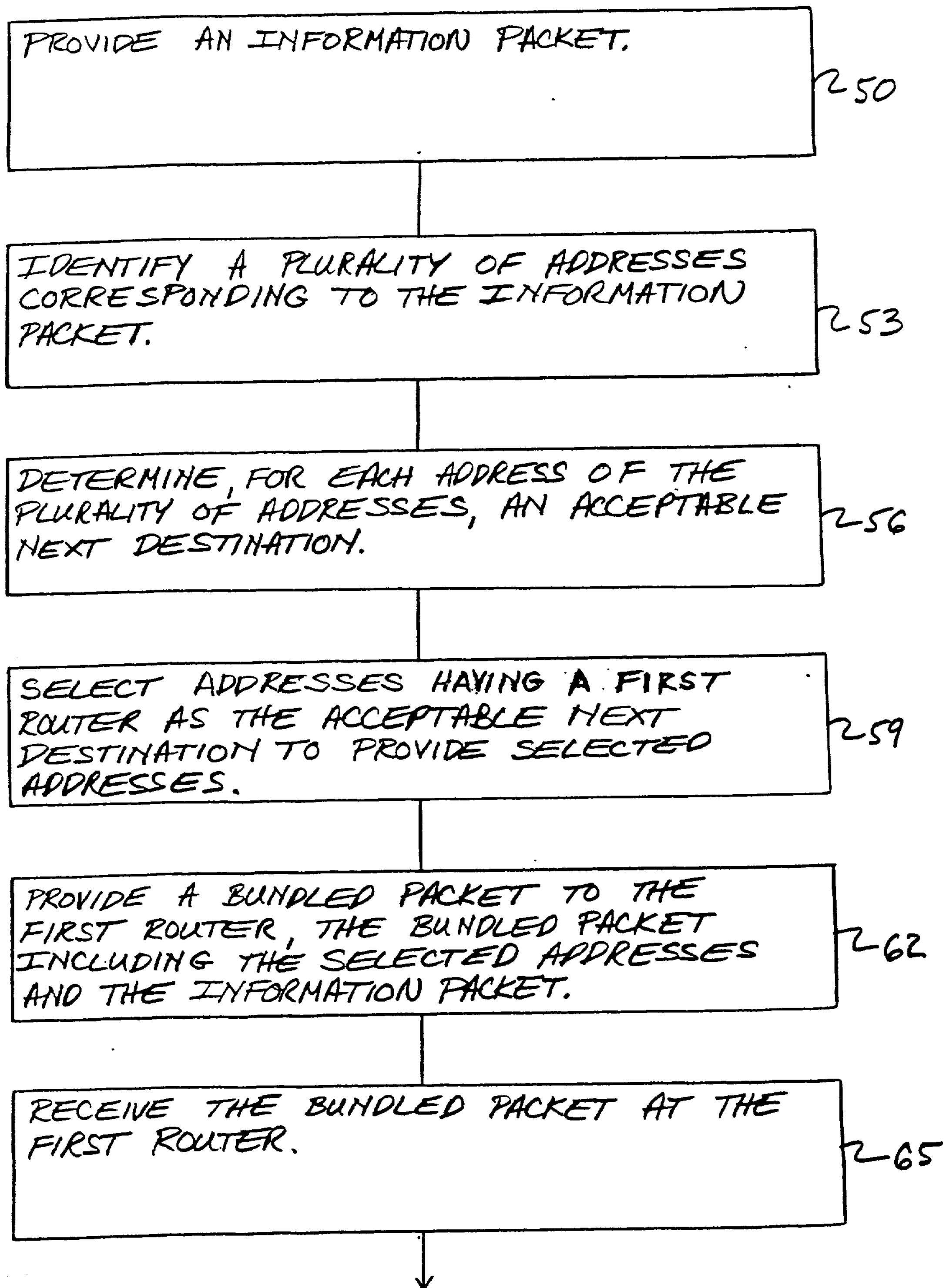


FIG. 2A



To FIG. 2B

FIG. 2B

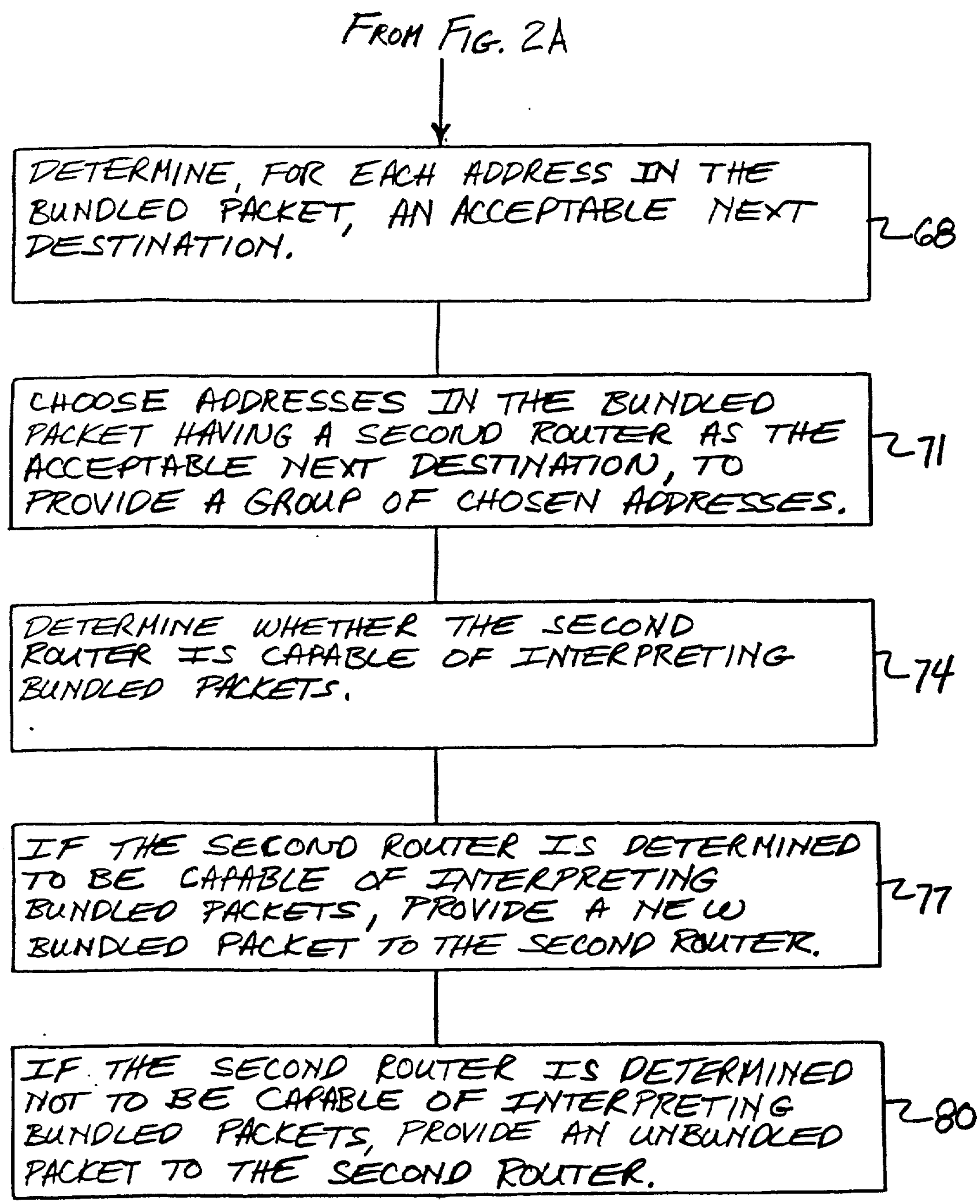

FROM FIG. 2A
DETERMINE, FOR EACH ADDRESS IN THE BUNDLED PACKET, AN ACCEPTABLE NEXT DESTINATION.
68
CHOOSE ADDRESSES IN THE BUNDLED PACKET HAVING A SECOND ROUTER AS THE ACCEPTABLE NEXT DESTINATION, TO PROVIDE A GROUP OF CHOSEN ADDRESSES.
71
DETERMINE WHETHER THE SECOND ROUTER IS CAPABLE OF INTERPRETING BUNDLED PACKETS.
74
IF THE SECOND ROUTER IS DETERMINED TO BE CAPABLE OF INTERPRETING BUNDLED PACKETS, PROVIDE A NEW BUNDLED PACKET TO THE SECOND ROUTER.
77
IF THE SECOND ROUTER IS DETERMINED NOT TO BE CAPABLE OF INTERPRETING BUNDLED PACKETS, PROVIDE AN UNBUNDLED PACKET TO THE SECOND ROUTER.
80

FIG. 3A

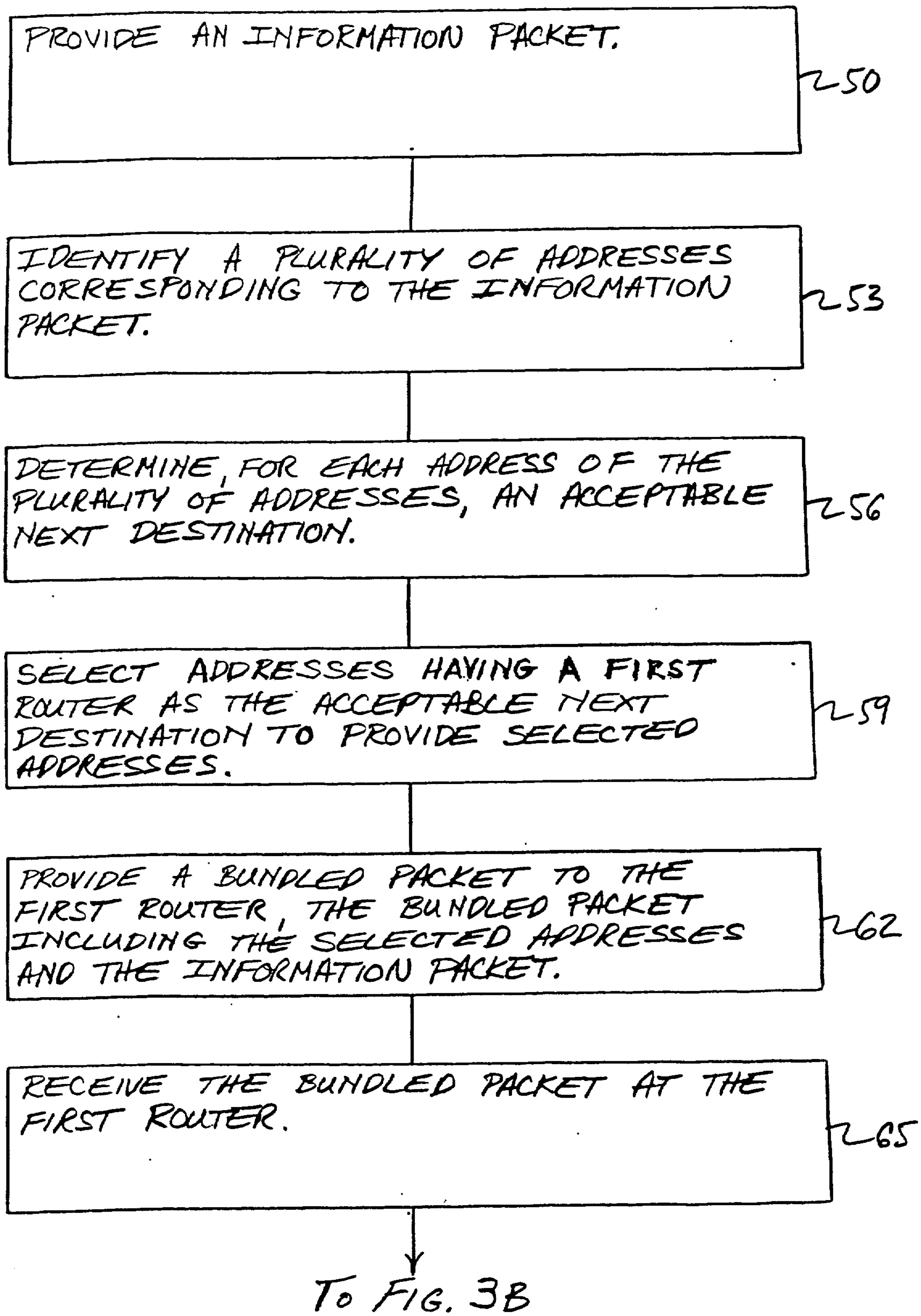

PROVIDE AN INFORMATION PACKET.
50
IDENTIFY A PLURALITY OF ADDRESSES CORRESPONDING TO THE INFORMATION PACKET.
53
DETERMINE, FOR EACH ADDRESS OF THE PLURALITY OF ADDRESSES, AN ACCEPTABLE NEXT DESTINATION.
56
SELECT ADDRESSES HAVING A FIRST ROUTER AS THE ACCEPTABLE NEXT DESTINATION TO PROVIDE SELECTED ADDRESSES.
59
PROVIDE A BUNDLED PACKET TO THE FIRST ROUTER, THE BUNDLED PACKET INCLUDING THE SELECTED ADDRESSES AND THE INFORMATION PACKET.
62
RECEIVE THE BUNDLED PACKET AT THE FIRST ROUTER.
65
TO FIG. 3B

FIG. 3B

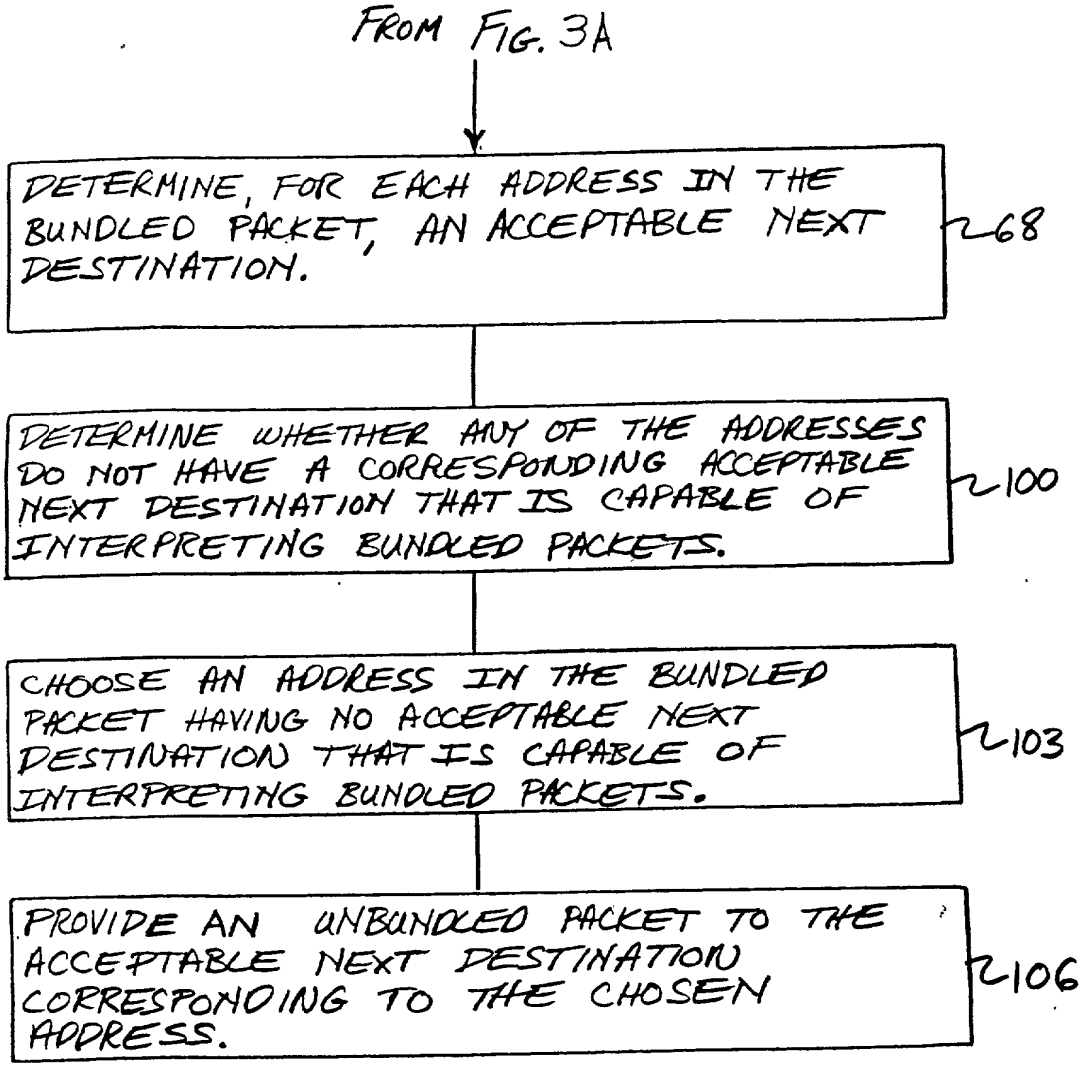
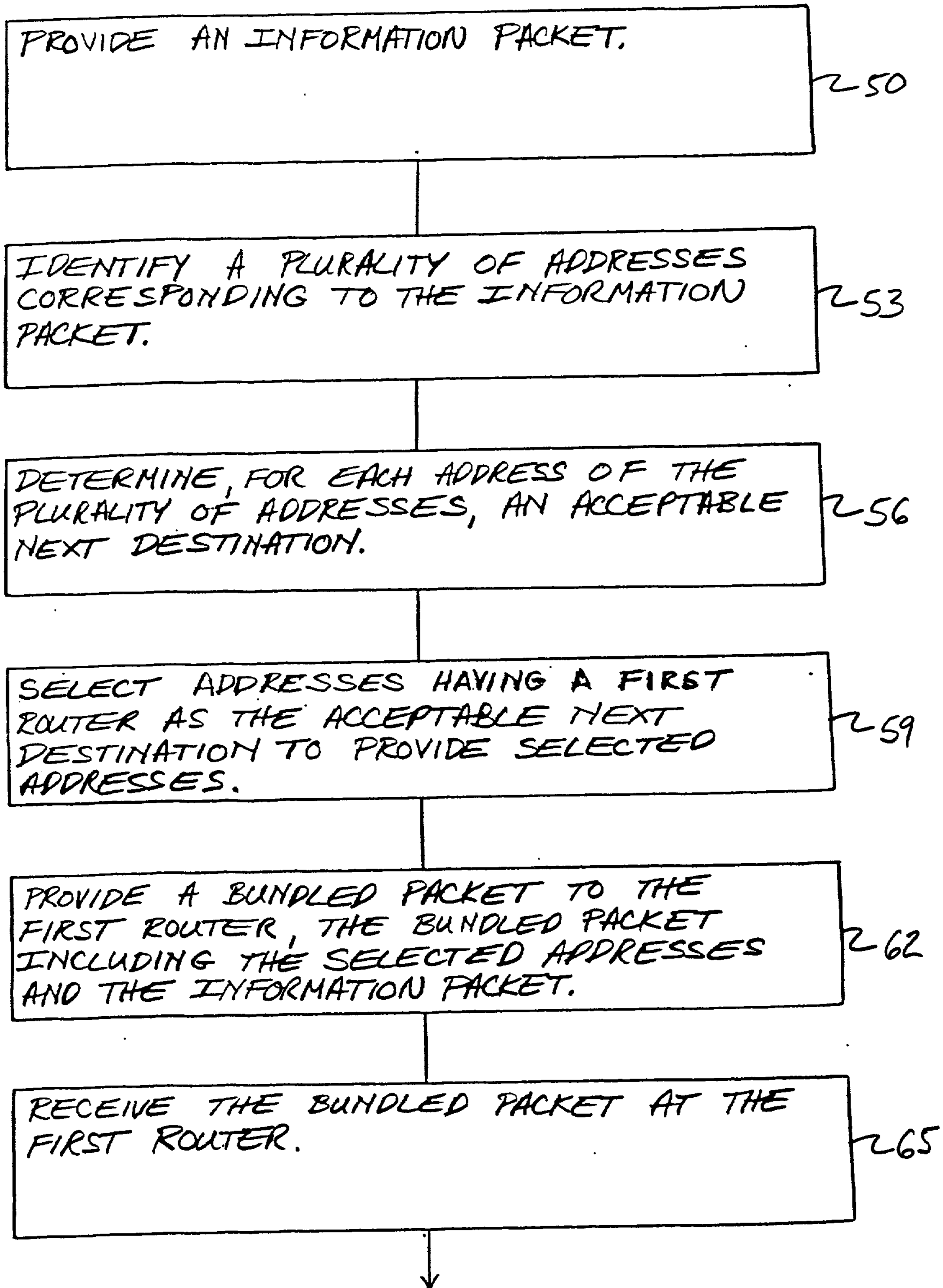

FROM FIG. 3A
DETERMINE, FOR EACH ADDRESS IN THE BUNDLED PACKET, AN ACCEPTABLE NEXT DESTINATION.
68
DETERMINE WHETHER ANY OF THE ADDRESSES DO NOT HAVE A CORRESPONDING ACCEPTABLE NEXT DESTINATION THAT IS CAPABLE OF INTERPRETING BUNDLED PACKETS.
100
CHOOSE AN ADDRESS IN THE BUNDLED PACKET HAVING NO ACCEPTABLE NEXT DESTINATION THAT IS CAPABLE OF INTERPRETING BUNDLED PACKETS.
103
PROVIDE AN UNBUNDLED PACKET TO THE ACCEPTABLE NEXT DESTINATION CORRESPONDING TO THE CHOSEN ADDRESS.
106

FIG. 4A



TO FIG. 4B

FIG. 4B

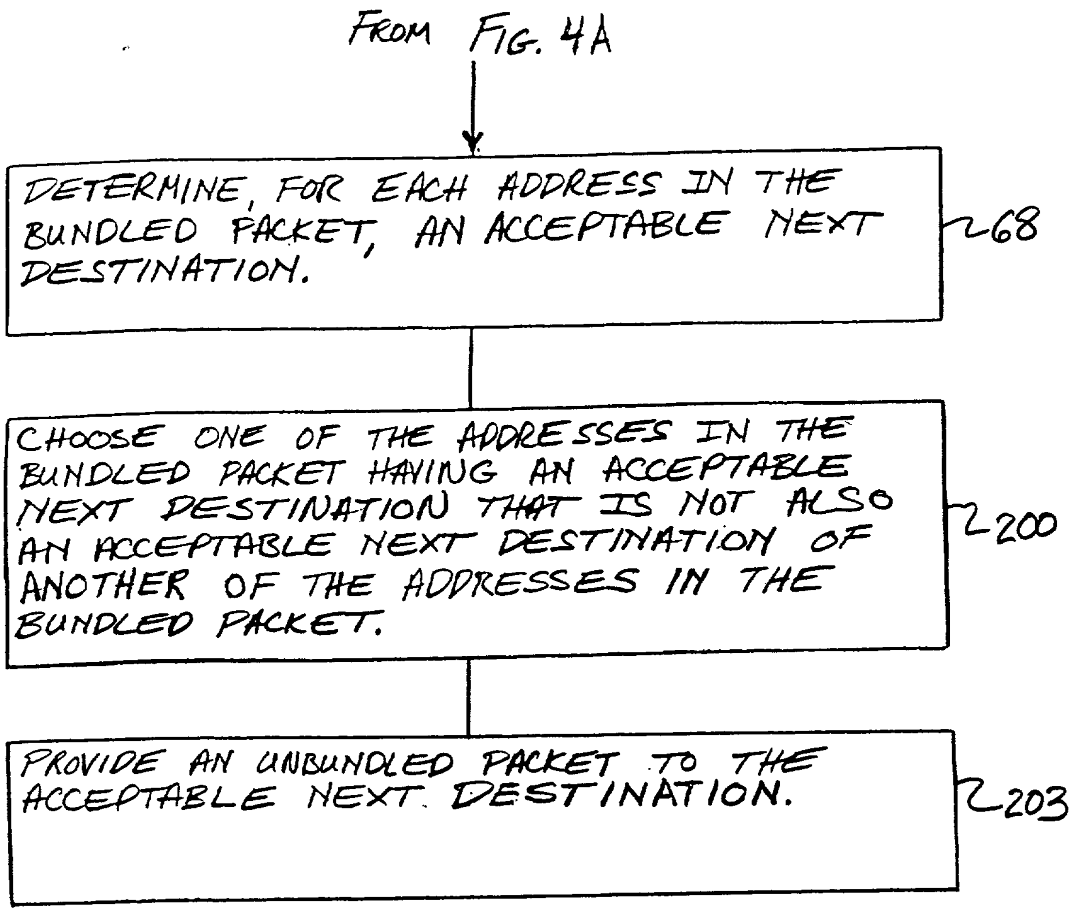
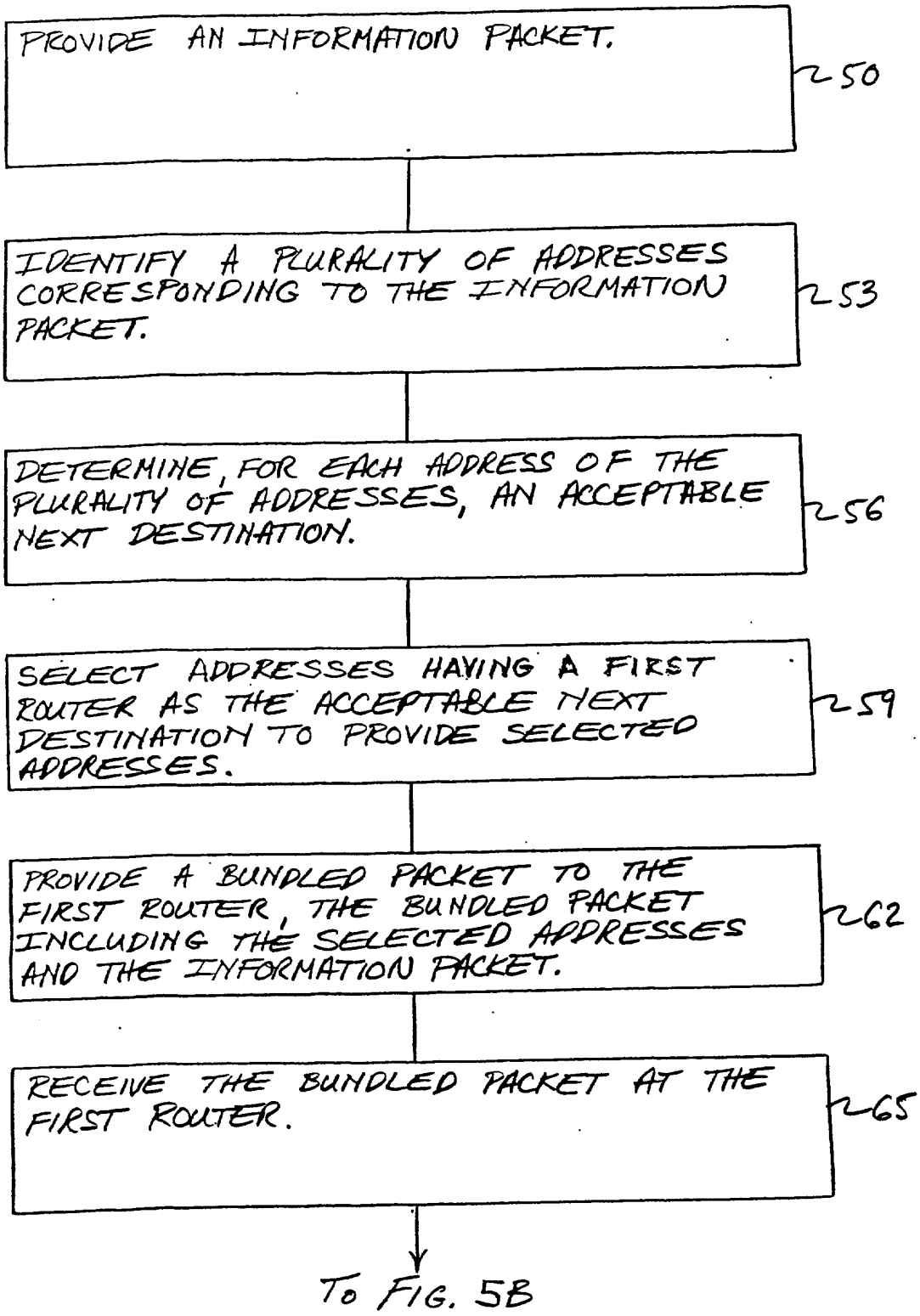
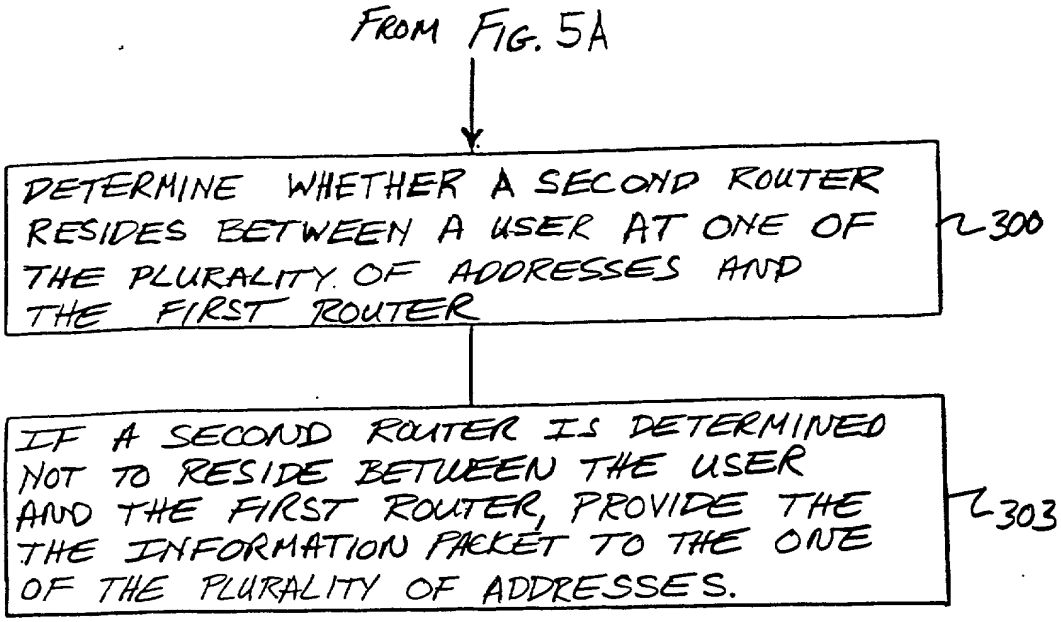

FROM FIG. 4A
DETERMINE, FOR EACH ADDRESS IN THE BUNDLED PACKET, AN ACCEPTABLE NEXT DESTINATION.
68
CHOOSE ONE OF THE ADDRESSES IN THE BUNDLED PACKET HAVING AN ACCEPTABLE NEXT DESTINATION THAT IS NOT ALSO AN ACCEPTABLE NEXT DESTINATION OF ANOTHER OF THE ADDRESSES IN THE BUNDLED PACKET.
200
PROVIDE AN UNBUNDLED PACKET TO THE ACCEPTABLE NEXT DESTINATION.
203

FIG. 5A



To FIG. 5B

FIG. 5B



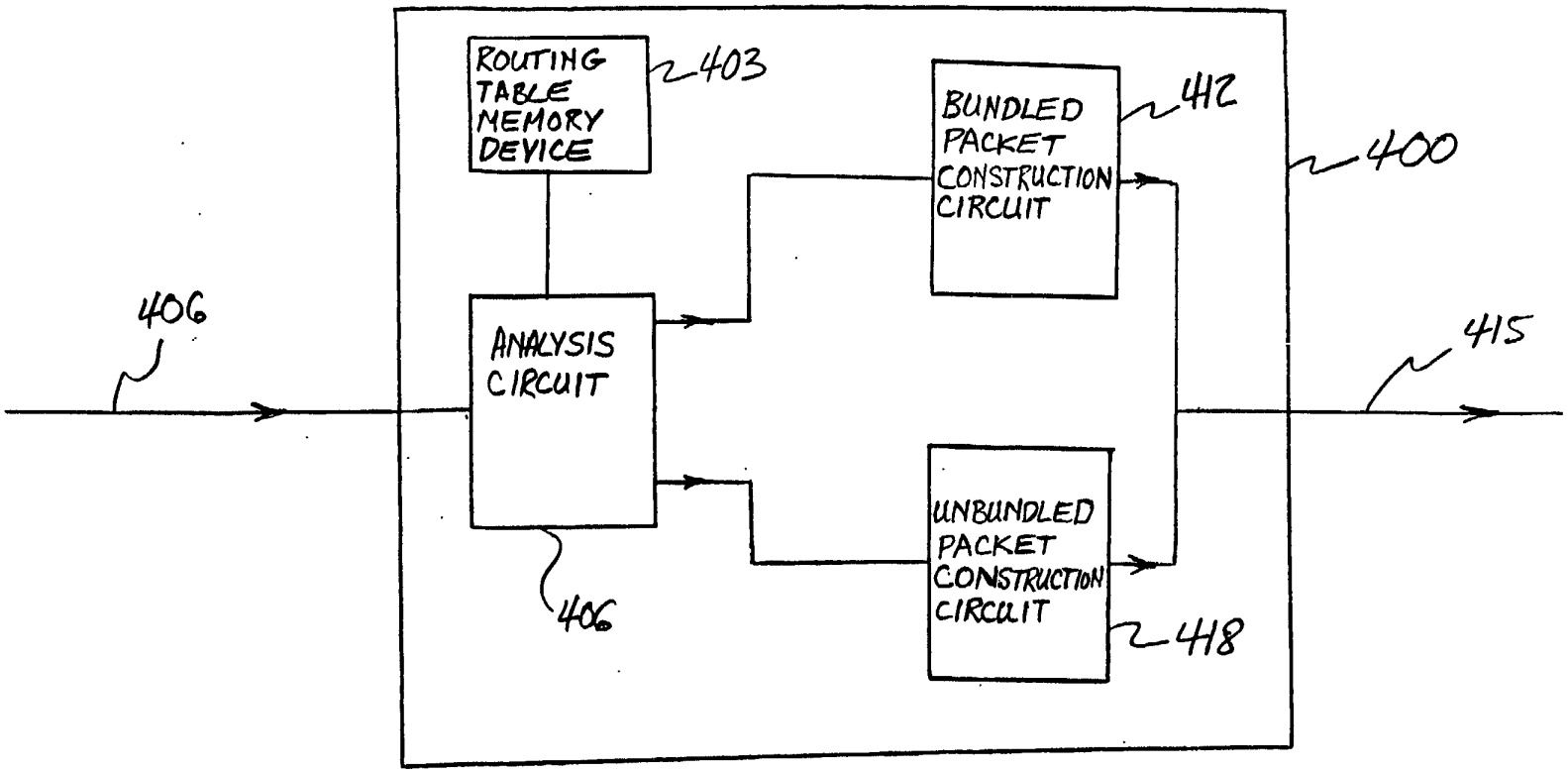
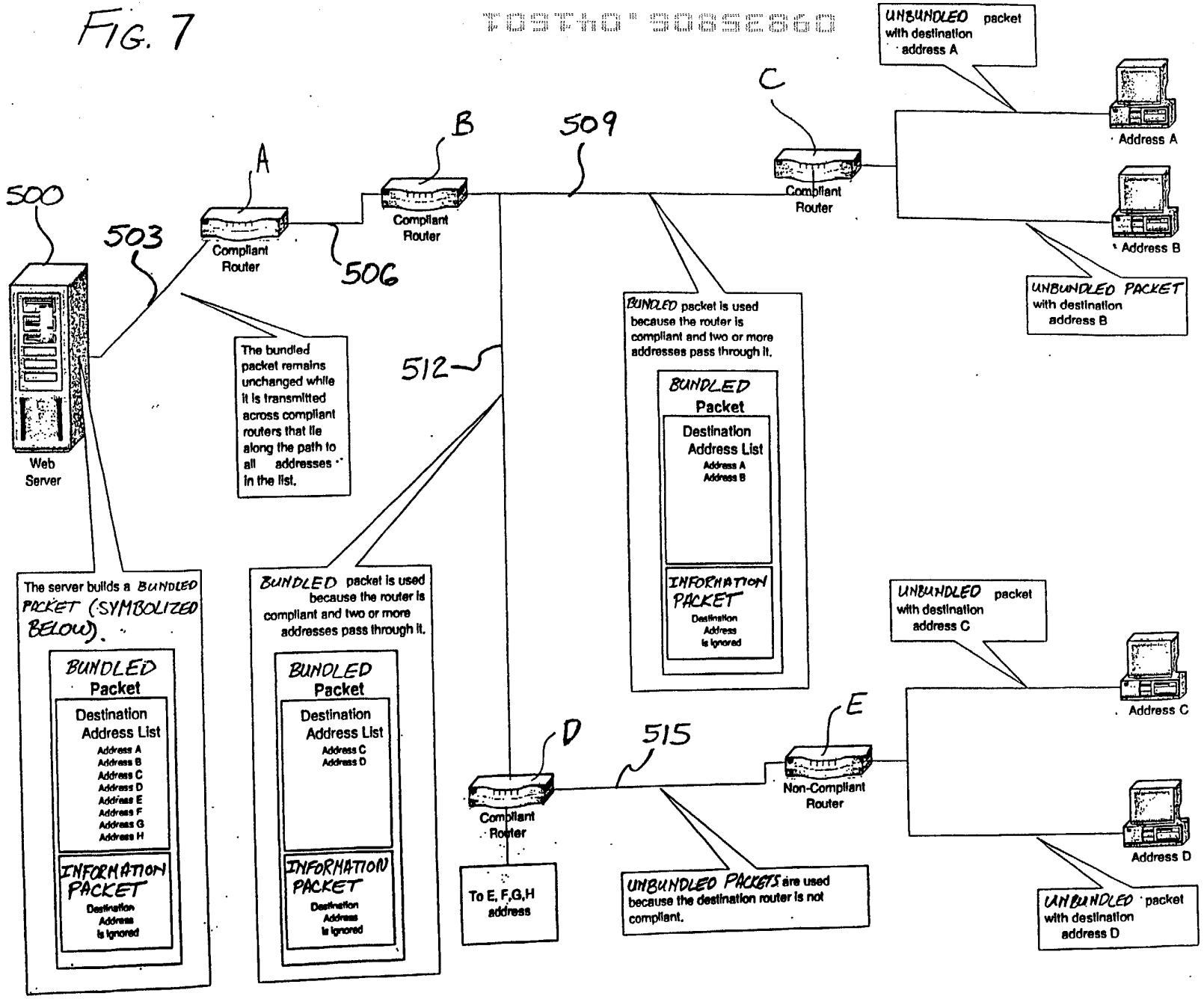


FIG. 6

FIG. 7


500
503
A
B
509
C
506
512
515
D
E
Web Server
Compliant Router
Compliant Router
Compliant Router
Non-Compliant Router
Compliant Router
Address A
Address B
Address C
Address D
UNBUNDLED packet with destination address A
UNBUNDLED PACKET with destination address B
UNBUNDLED packet with destination address C
UNBUNDLED packet with destination address D
The bundled packet remains unchanged while it is transmitted across compliant routers that lie along the path to all addresses in the list.
BUNDLED packet is used because the router is compliant and two or more addresses pass through it.
BUNDLED Packet
Destination Address List
Address A
Address B
INFORMATION PACKET
Destination Address is Ignored
The server builds a BUNDLED PACKET (SYMBOLIZED BELOW).
BUNDLED Packet
Destination Address List
Address A
Address B
Address C
Address D
Address E
Address F
Address G
Address H
INFORMATION PACKET
Destination Address is Ignored
BUNDLED packet is used because the router is compliant and two or more addresses pass through it.
BUNDLED Packet
Destination Address List
Address C
Address D
INFORMATION PACKET
Destination Address is Ignored
To E, F,G,H address
UNBUNDLED PACKETS are used because the destination router is not compliant.